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Working Party on Brakes and Running Gear

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Item 3(h) of the provisional agenda

REGULATIONS Nos. 13 AND 13-H
(Braking)

Electronic Vehicle Stability Control

Proposal for amendments to Regulation No. 13

Submitted by the experts from the European Association of Automotive Suppliers *

The text reproduced below was prepared by the experts from the European Association of Automotive Suppliers (CLEPA) to require that motor vehicles equipped with a stability control function utilize the yellow failure warning signal when a failure of the stability control function occurs. It is based on informal document No. GRRF-64-05, distributed at the sixty-fourth session of the Working Party on Brakes and Running Gear (GRRF) (see report ECE/TRANS/WP.29/GRRF/64, para. 23). The modifications to the existing text of the Regulation are marked in **bold** characters.

* In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

A. PROPOSAL

Annex 21, paragraph 2.1.5., amend to read:

"2.1.5. A vehicle stability function failure or defect shall be detected and indicated to the driver by the specific **yellow** optical warning signal referred to in paragraph 5.2.1.29.1.2. of this Regulation.

The warning signal shall be constant and remain displayed as long as the failure or defect persists and the ignition (start) switch is in the 'on' (run) position."

B. JUSTIFICATION

The current text within paragraph 2.1.5. of Annex 21 to UNECE Regulation No. 13 makes reference to paragraph 5.2.1.29. of the Regulation which refers to both the yellow and red warning signals. However, a failure within the stability control system not associated with the braking system would not influence the performance of the braking system. Therefore, it is appropriate to require that such failures only illuminate the yellow warning. Should a failure or defect be present which does impact on the braking system and the stability control system, then the relevant requirements associated with failures within the electric control transmission or anti-lock braking system would apply and the appropriate warning signals illuminated.

This change would also align the requirements for motor vehicles with those already defined for trailers in paragraph 5.2.2.17.1.
